

Title (en)
TYPE-C INTERFACE CONTROL CIRCUIT, CONTROL METHOD, AND MOBILE TERMINAL

Title (de)
TYP-C-SCHNITTSTELLENSTEUERUNGSSCHALTUNG, STEUERUNGSVERFAHREN UND MOBILES ENDGERÄT

Title (fr)
CIRCUIT DE COMMANDE D'INTERFACE TYPE C, PROCÉDÉ DE COMMANDE ET TERMINAL MOBILE

Publication
EP 3584712 A1 20191225 (EN)

Application
EP 17896413 A 20171220

Priority
• CN 201710084863 A 20170216
• CN 20171117459 W 20171220

Abstract (en)
The present disclosure provides a Type-C interface controlling circuit, a controlling method, and a mobile terminal, wherein the Type-C interface controlling circuit includes: a Type-C interface, a first transmission module, a second transmission module, a switching module, and a detection module. The first end of the detection module is connected to the Type-C interface for detecting a connection state of the Type-C interface, and the second end of the detection module is connected to the switching module, and the detection module controls a connection relationship between the first end of the switching module and the second end of the switching module according to the connection state.

IPC 8 full level
G06F 13/40 (2006.01)

CPC (source: CN EP US)
G06F 13/4022 (2013.01 - EP); **G06F 13/4077** (2013.01 - CN US); **G06F 13/4282** (2013.01 - CN US); **G06F 13/385** (2013.01 - US);
G06F 13/4022 (2013.01 - US)

Cited by
WO2022012577A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3584712 A1 20191225; **EP 3584712 A4 20200122**; CN 106874233 A 20170620; CN 106874233 B 20181019; US 10949374 B2 20210316;
US 2020133908 A1 20200430; WO 2018149224 A1 20180823

DOCDB simple family (application)
EP 17896413 A 20171220; CN 201710084863 A 20170216; CN 20171117459 W 20171220; US 201716486782 A 20171220